Quilter's Cruise Control®

User's Manual

This user's manual is for the Quilter's Cruise Control and will help you install your unit on your short-arm quilting frame system properly.

Contents

1 X Quilter's Cruise Control® Brain
1 X Wiring Harness
1 X Quilter's Cruise Control® Remote Switch
2 X Optical Encoder
1 X Hardware Pack - specific to quilting frame
- frame specific instructions
1 X 6VDC Power Transformer
1 X Connector Cord

Introduction

Congratulations on your purchase of the Quilter's Cruise Control®. In a few short steps we'll have you up and running. There are two steps in connecting the Cruise Control "brain" to your sewing machine. But first, here are a few safety instructions:

Be sure to follow all Safety Instructions included in the Instruction Manual that came with your sewing machine.

Only use the power supply that comes with the unit.

Keep fingers away from all moving parts. Special care is required around the sewing machine needle.

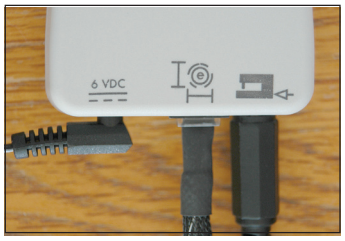
Installing the Quilter's Cruise Control®

The Quilter's Cruise Control® consists of the following:

1. The Cruise Control Brain and Remote Hand Switch
2. Connector Cord to connect to sewing machine
3. The Optical Encoders with wiring harness
4. Hardware applicable to your specific quilting frame

First, set up your short-arm quilting frame in accordance with the manufacturer's instructions. Next, install the optical encoders onto your quilting frame using the hardware kit and instructions provided.

Connect the cords to the Cruise Control brain in the following order:



Connect the wiring harness from the optical encoders to this port.

Connect one end of the machine connector cord to this port. Connect the other end of the cord to the sewing machine foot pedal control port.

Connect the plug from the Remote Hand Switch to this port.

6 VDC

Connect the cord from the power supply to this port. Be sure to use only the power supply that comes with your Quilter's Cruise Control®.

Cruising with your Quilter's Cruise Control®

Now that your Quilter's Cruise Control® system is properly set up, you are ready to cruise!

I. Turn on your sewing machine.

II. Set your stitch length using the dial on the Quilter's Cruise Control. The white dot on the dial is a 'medium' stitch length, about 0.1", or 10 stitches/inch.

III. Flip the 'Cruise' switch located on the remote hand switch. The sewing machine will begin to idle when the white dot on the switch is depressed.

IV Start moving the sewing machine and the Cruise Control Brain regulates the stitch length. Move the machine slowly, and the machine stitches slowly. Move the machine fast, and the machine stitches fast.

V. When you are ready to stop, simply stop moving the machine and flip the switch on the Remote Hand Switch.

VI. As a general rule, it is very important when using the Quilter's Cruise Control® to not abruptly start and stop when moving the sewing machine. The red LED under the ⚠ symbol will illuminate when the carriage speed is too high. A slight flickering is normal, however.
For best results, as with an automobile, start out and slow down smoothly. You may experience long stitches if you accelerate too quickly and very short stitches if you stop too abruptly. This will not damage the Quilter's Cruise Control® unit, but the quality of your quilting will suffer.

FINISHING UP

The top of the Quilter's Cruise Control® brain has the following markings:

Power (green LED)

Max Speed Reached (red LED)

Stitch Length Adjustment

Remote Hand Switch Port

6 VDC

Power Supply Port

Encoder Wiring Harness Port

Sewing Machine Connector Port

Winding A Bobbin

If you are not using prewound bobbins, simply disconnect the unit and follow your sewing machine manufacturer's instructions. Upon completion, re-connect your Cruise Control Brain.

TROUBLESHOOTING

If you experience unsatisfactory results, you can perform a few simple procedures to test the functionality of the unit prior to sewing.

1. Verify that the green light under the ⏻ symbol is illuminated.

2. Set the stitch length dial in the middle of its range. You will feel a small detent position as you rotate the dial. See the white dot for proper placement.

3. Now move the quilt frame carriages. The red light under the ⚠ symbol should illuminate or flicker during this process. If the light does not illuminate, move the carriages a bit faster.

Note: While quilting, if the red light is consistently illuminated, you are moving too fast, overriding the Stitch Regulator function.

Serial No./Model No. _____

Date of Purchase _____

WARRANTY

12 Months Parts/12 Months Labor

LiTen Up, Inc. warrants this product (the Quilter's Cruise Control®) to be free of defects in material and workmanship for a period of 12 months covering parts and labor from the date of original purchase.

To obtain repair or replacement within the terms of this warranty, please return the product with proof of warranty coverage (this card), proof of purchase, description of defect, and funds for return shipping prepaid (request shipping cost information at time of return), to:

LiTen Up, Inc.
Quilter's Cruise Control
27850 Irma Lee Circle Suite 105
Lake Forest, IL 60045

www.quilterscruisecontrol.com
support@quilterscruisecontrol.com

This warranty does not apply to any product that has been damaged through electrical power surges, alteration, mishandling, misuse or neglect. The extent of **LiTen Up, Inc.**'s liability under this warranty is limited to the repair or replacement provided above and in no event shall the company's liability exceed the purchase price paid by the purchaser for the product.

This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Keep this sheet for warranty purposes

Quilter's CRUISE CONTROL®

Contents of this Quilter's Cruise Control box:

- ☐ QCC Brain
  - ☐ Juki TL-98E
  - ☐ Juki TL-98Q
  - ☐ Babylock QCP/Brother 1300/1500
  - ☐ Janome 6500/Elna 7200
- ☐ Remote Switch
- ☐ Connector Cord
- ☐ Wiring Harness
- ☐ (2) Encoders
- ☐ Power Transformer
- ☐ Installation Hardware & Instructions
- ☐ B-Line Frame (w/out QCC inserts)
- ☐ B-Line Frame (w/QCC inserts)
- ☐ Grace Frame/Little Gracie Frame (old/new)
- ☐ HandiQuilter Frame
- ☐ Hinterberg Frame w/freeway
- ☐ Inspira Frame
- ☐ John Watts Frame
- ☐ NewJoy Frame
- ☐ Pennywinkle Frame
- ☐ Superquilter Frame
- ☐ Superquilter Proflex
- ☐ Suzy Q Quilter Frame
- ☐ UltraQuilter

Packer _____ QC _____